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Dated: October 25, 2006

Signature: 

Farah Bushashia

Docket No.: VOS-021 (107070.130 US1)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gregor CEVC et al. Confirmation No.: 9531  
Application No.: 09/890,335 Art Unit: 1645  
Filed: July 26, 2001 Examiner: B. J. Gangle  
Title: NON-INVASIVE VACCINATION THROUGH THE SKIN

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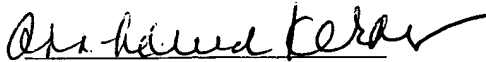
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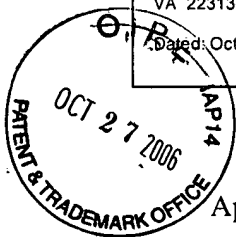
Respectfully submitted,

Dated: October 25, 2006



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PTO/SB/08A/B (09-06)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/890,335-Conf. #9531
				Filing Date	July 26, 2001
				First Named Inventor	Gregor CEVC
				Art Unit	1645
				Examiner Name	B. J. Gangle
Sheet	1	of	3	Attorney Docket Number	VOS-021 (107070.130 US1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,383,993	05-17-1983	Hussain et al.	
	AB*	US-6,165,500	12-26-2000	Cevc et al.	
	AC*	US-20020048596-A1	04-25-2002	Cevc et al.	
	AD	US-09/890371	07-26-2001	Cevc et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DE-4107152	09-10-1992	Cevc		
	BB	DE-4447287	11-07-1996	Cevc		
	BC	EP-0475160-B1	08-23-1991	Cevc		
	BD	WO-00/24377	05-04-2000	Cevc		
	BE	WO-90/09385	08-23-1990	Wiener		
	BF	WO-92/03122	03-05-1992	Cevc		
	BG	WO-98/17255	04-30-1998	Cevc		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	ALMEIDA et al., "Nasal Delivery of Vaccines", J. Drug Targeting, 3:455-467 (1996)	
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	CD	BRUINS et al., "Effect of Acute and Chronic Treatment with Desglycinamide [Arg8] Vasopressin in Young Male and Female Volunteers", Peptides 16:179-86 (1995)	
	CE	DRAGHIA et al., "Gene Delivery into the Central Nervous System by Nasal Instillation in Rats", Gene-Ther. 2:418-23 (1995)	
	CF	DREJER et al., "Intranasal Administration of Insulin with Phospholipid as Absorption Enhancer: Pharmacokinetics in Normal Subjects", Diab. Med. 9:335-340 (1992)	
	CG	FLANAGAN et al., "A Recombinant Human Adenovirus Expressing the Simian Immunodeficiency Virus Gag Antigen can Induce Long-Lived Immune Responses in Mice", J. Gen. Virol. 78:991-7 (1997)	
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Examiner Signature			Date Considered

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				Art Unit	1645
				Examiner Name	B. J. Gangle
Sheet	2	of	3	Attorney Docket Number	VOS-021 (107070.130 US1)

CI	GHIGO et al., "Short Term Administration of Intranasal or Oral Hexarelin, a synthetic Hexapeptide, Does Not Desensitize the Growth Hormone Responsiveness in Human Aging", Eur. J. Endocrinol. 135:407-102 (1996)	
CJ	HARRIS, A. S. "Review: Clinical Opportunities Provided by the Nasal Administration of Peptides", J. Drug Target. 1:101-16 (1993)	
CK	HUNEYCUTT et al., "Distribution of Vesicular Stomatitis Virus Proteins in the Brains of BALB/c Mice Following Intranasal Inoculation: An Immunohistochemical Analysis", Brain Res. 635:81-95 (1994)	
CL	HUSSAIN et al., "Does Increasing the Lipophilicity of Peptides Enhance Their Nasal Absorption?", J. Pharm. Sci. 80:1180-1 (1991)	
CM	ICHIKAWA et al., "Anti-Osteopenic Effect of Nasal Salmon Calcitonin in Type I Osteoporotic Rats: Comparison with Subcutaneous Dosing", Biol. Pharm. Bull. 17:911-13 (1994)	
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CO	ILUM et al., "Intranasal Insulin", Clinical Pharmacokinet. 23:30-41 (1992)	
CP	INVETTI et al., "Effect of Chronic Treatment with Octreotide Nasal Powder on Serum Levels of Growth Hormone, Insulin-like Growth Factor I, Insulin-like Growth Factor Binding Proteins 1 and 3 in Acromegalic Patients", J. Endocrinol. Invest. 19:548-55 (1996)	
CQ	KIDA et al., "CSF Drains Directly from the Subarachnoid Space into Nasal Lymphatics in the Rat. Anatomy, Histology and Immunological Significance", Neuropathol. Appl. Neurobiol. 19:480-448 (1993)	
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CS	MACHIDA et al., "Absorption of Recombinant Human Granulocyte Colony-Stimulating Factor (rhG-CSF) from Rat Nasal Mucosa", Pharm. Res. 10(9):1372-7 (1993)	
CT	MAEJIMA et al., "Comparison of the Effects of Various Fine Particles on IgE Antibody Production in Mice Inhaling Japanese Cedar Pollen Allergens", J. Toxicol. Environ. Health. 52:231-48 (1997)	
CU	MAITANI et al., "Influence of Molecular Weight and Charge on Nasal Absorption of Dextran and DEAE-dextran in Rabbits", Intl. J. Pharmaceut. 49:23-27 (1989)	
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CY	PASECHNIK et al., "Macromolecular Drug Delivery to the CNS with Protein Carriers", Exp. Opin. Invest. Drugs 5:1255-1276 (1996)	
CZ	PERRAS et al., "Sleep and Signs of Attention During 3 Months of Intranasal Vasopressin: A Pilot Study in Two Elderly Subjects", peptides 17:1253-55 (1996)	
CA1	PIETROWSKY et al., "Brain Potential Changes after Intranasal vs. Intravenous Administration of Vasopressin: Evidence for a Direct Nose-Brain Pathway for Peptide Effects in Humans", Biol. Psychiatry 39:332-40 (1996)	
CB1	PIHOKER et al., "Diagnostic Studies with Intravenous and Intranasal Growth Hormone-Releasing Peptide-2 in Children of Short Stature", J. Clin. Endocrinol. Metab. 80(10):2987-92 (1995)	
CC1	POHL et al., "Modulation of Pain Perception in Man by a Vasopressin Analogue", Peptides 17:641-7 (1996)	

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	CD1	SARKAR, M. "Drug Metabolism in the Nasal Mucosa", Pharm-Res. 9:1-9 (1992)	
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	CF1	SPERBER et al., "Otologic Effects of Interferon Beta Serine in Experimental Rhinovirus Colds", Arch. Otolaryngol. Head. Neck. Surg. 118:933-6 (1992)	
	CG1	TING et al., "Microparticles of Polyvinyl Alcohol for Nsal Delivery. I. Generation by Spray-Drying and Spray-Desolvation", Pharm. Res. 9:1330-5 (1992)	
	CH1	TSUME, et al., "Quantitative Evaluation of the Gastrointestinal Absorption of Protein into the Blood and Lymph Circulation", Biol. Pharm. Bull. 19(10) 1332-1337 (1996)	
	CI1	WATANABE, et al., "Absorption of Recombinant Human Granulocyte Colony-Stimulating Factor (rhG-CSF) and Blood Leukocyte Dynamics Following Intranasal Administration in Rabbits", Biol. Pharm. Bull. 16:93-95 (1993)	
	CJ1	WATANABE et al., "Pharmacokinetics and Pharmacodynamics of Recombinant Human Granulocyte Colony-Stimulating Factor (rhG-CSF) following Intranasal Administration in Rabbits", J. Drug Target 3:231-38 (1995)	
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